



Highway Segment Socioeconomic Impact

Education

Health

1st Responder
Disciplines

Business & Economic
Development

Highway Segment ROI

Scope/Cost

Road Segment
Fee Ownership

Market Determinants

Redundancy

Technology

44 Data Initiative Input Criteria

K-12 School Facilities

of Students (K-12)

Community College Campus

Community College Students

of University Campus

of University Students

Students Using Distance Learning (Now/Planned)

Health Care Facilities/Patients per Year

Law Enforcement/Personnel

Fire-EMS/Personnel

Utilities/Personnel

Application Readiness (Now/Planned)

Bandwidth Demand (Now/Planned)

Local Government (Facilities/Personnel)

State Government (Facilities/Personnel)

Fed Government (Facilities/Personnel)

Private Business (Facilities/Personnel)

Cell Towers (At Mile Markers?)

Cell Tower Gaps (At Mile Markers?)

Miles to Nearest Tier 1 Capacity

Tier 1 Access Sequencing Prioritization (Direct/Indirect)

Number of segments to primary Tier 1

Type of Terrain/Build Difficulty

Market Calculation Formula

Private w/Easement

State owned w/Easement

State Trust w/Easement

Federal w/Easement

Tribal w/Easement

Easement Negotiation Req'd (Y/N)

Average verified consumer speeds

Current fiber middle mile available capacity

Provider interest for service expansion

Population

Population Trend (up/Down)

Major Infrastructure Project Trend

Demand Potential

Mobile Wireless Potential

Mobile Wireless Service Gaps

Does Segment fit into Wide Area Redundancy Plan

Does Segment Close a Ring

Does Segment further an interconnect

Alt. near term wireless solutions (Telco/GovNet Microwave)

Is Existing Technology MPLS on Ethernet on SONET (Y/N)